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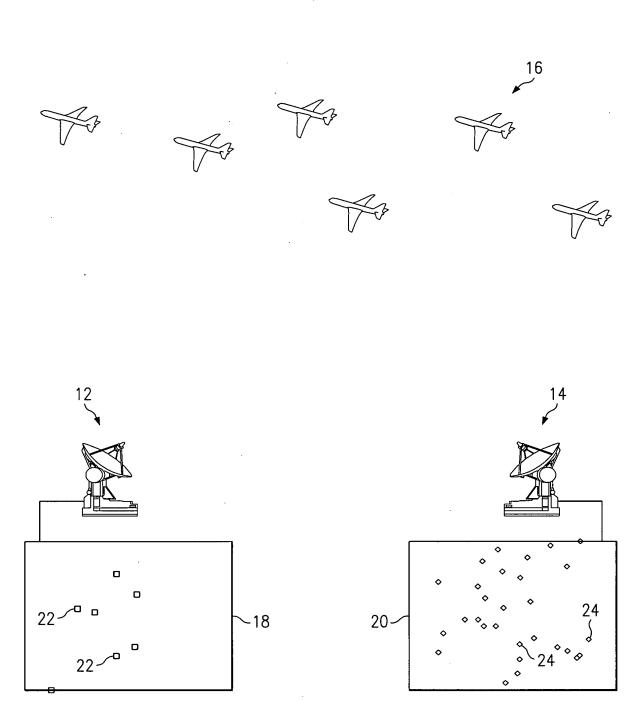
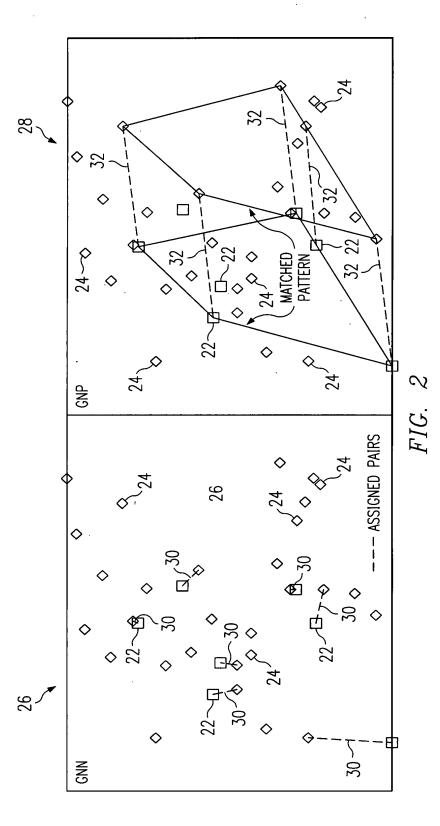


FIG. 1

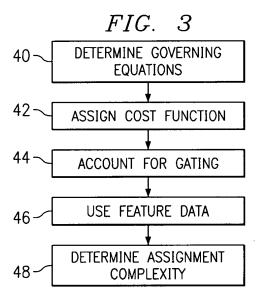
10

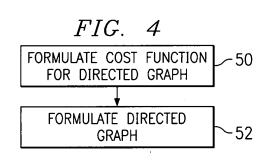
Inventor: Mark D. Levedahl

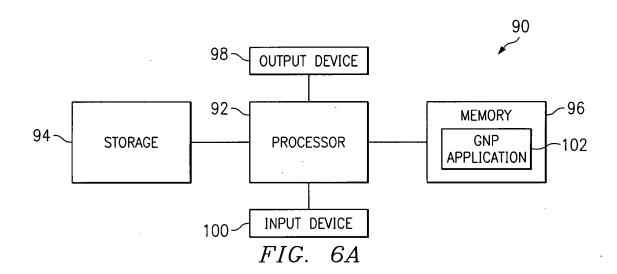


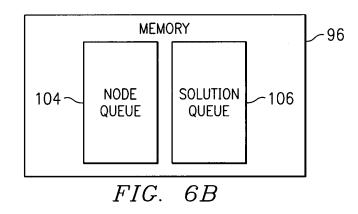








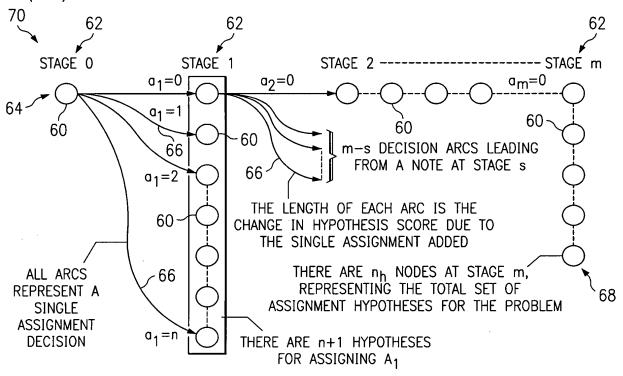




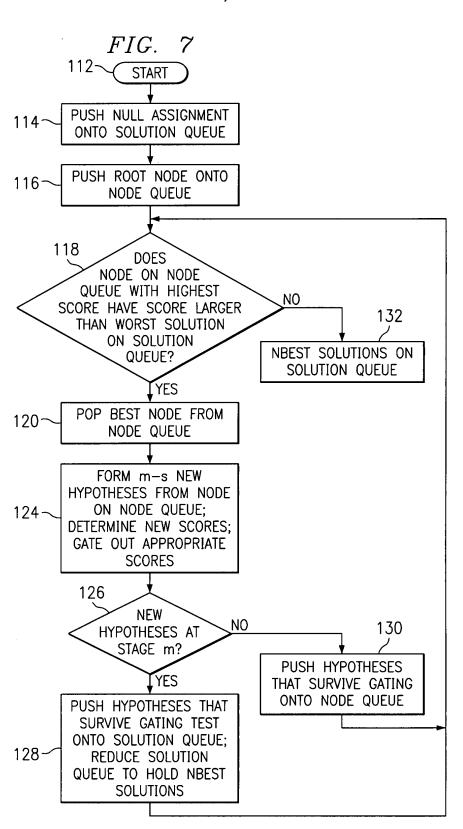
n.

FIG. 5B

k ASSIGNMENT DECISIONS HAVE BEEN MADE AT STAGE s. EACH NODE AT STAGE s HAS (m-s) DECISION ARCS LEADING FROM IT. STAGE m HAS ALL COMPLETED HYPOTHESES.



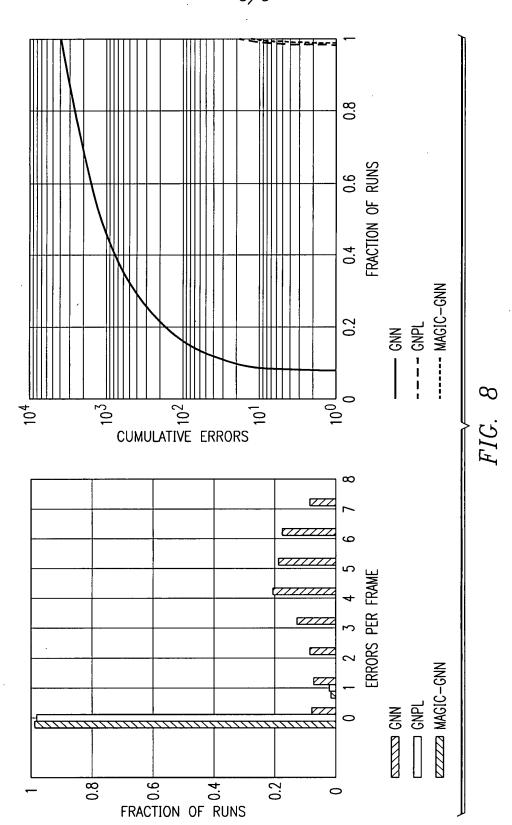




## Method and System for Assigning Observations

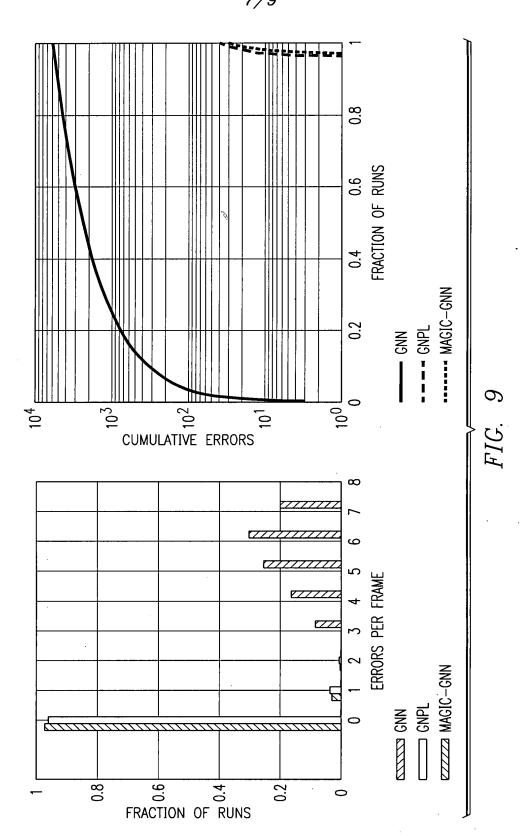
Inventor: Mark D. Levedahl

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8/9 FIG. 10 1 8.0 0.6 FRACTION OF **RUNS** 0.4 - BEST SOLUTION 2 BEST SOLUTIONS - 3 BEST SOLUTIONS 0.2 -- 4 BEST SOLUTIONS --- 5 BEST SOLUTIONS 0 0.2 0.4 0.6 0.8 FRACTION OF ARCS EXPLORED x 1e6

